

III. H. S. Jan 1857 Hort Dyck Qualité mulifem seems a distinct species; similar to the last wanted; stouter than the other, and with very short jøints. Notes made from Saleoni fizano Openting gandis flow orange, style ventri roze or satte turnide, but less swollen Mais in Orstene petals: stigene bifil with Whiteles. B: Iles. ___. Op. aurantiare fl. gellon, red externelle at lowersepels at midrit of upper one, Diameter 1/2 miles; stigmente pele gellow, B. TO MARINE Mashritte fl. 2-5 inch Lam, skepales bond oblight. petet pule gellow. Ithen von hale alle. Foller MISSOURI BOTANICAL GARDEN

Op. lexicotricha ovary shil obovitos with numerous judvilli, fl. paligellow sepul, a lovad petet acute or duspi det stigmente 7. veg drik green O. derumana ovang ovate with numerous public; sepels e yellowith orange petats deeply emany insti strym 7. preen Many pulvilli, sepels ante, pitels sobening-het, stog 6 pole greenish M. Salmiann H. Inull eshiti externelly ved, esperally lower gepels - stigue 5 fri srædet, flesty whith. Thing . -Of. from . Matalusses flow 1856 su flythe flage Atter sheel MISSOURI BOTANICAL copyright reserved

GARDEN

De Consolle dien his Pleane, 1829 figures after monoino and desombes an Opentie vosea. on plate XV, desor, preg 66. pear O. arborerrer, brancher also vertiteles spins white a I alwork excetist, - gray oval, short, with spiras, flower 1 in 1/2 jneh in d'anuter, externelly sur juternelly whete at some rolow ; petal mostly ruspirate paint tuberrel naked yellowish _ similar to thet flow, miller of: O. aubores and paler. --Opentie Formulosa has long joints with satte distant avolve, puberceure ving soft to the touch. Op. oligaranthy is a very chamiteristicplat with large at thick joints and dance bee closer set there any other of the lange opention colour dell green and very slightly

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

MISSOURI BOTANICAL GARDEN

Zee Jæge befor læst Oprintig pom matamony, is perhaps a ving stout and sping Engelmany or other lanigern to which I more and more think theis Engelmann. Celongs. This matarious plant is stout percol josuts 8-14 inches lig 45 Miches wise Arcolae 1-1/2 inch distant, spilaes 1-4 deflexed, 1/2-1 inch long flat pale gellow, bristles veg lange 34 lines long. in old joints spines and Entles more namerous, fisië culated and mixed. - Flower near 4 inshey Samute, pule sulpher gellow sepals laureolate, petal, obovile . strongly ouisperdet, stigmats 1. gren Opentin glavente enet with long.
numerous stout brown Spilles thereby strøngly developed almost as much as in O. Tuna, joints smallen On Ithis is - Oralbioner, bull accordance of mystorians ft. rosecolous it is joints MISSOURI

BOTANICAL copyright reserved GARDEN

Harldych Jan 1857 Of volgaris is my plant, remarkable, from the want of bustles, light green joint. etto. Officin is a long jointer very perulia plant; — always with some long leaves O. cumsavira i quite perdei, vitt long namme fruts -O. Salmane seems the willy different from the Cash and I can not distinguish it from the Cylindrical. Opuberreus has also tout joint but I sam see no priber rente. it approaches somewhat to Oprecenter fragilis with longur joints.


Opulerran is send to be as projele as o. fregilis or sutter more so. Jone is intermedate between Saluriana forme intermedate between Saluriana outing here. A Oprgilies sperimer rever from I millen Then own plant vesemble MISSOURI BOTANICAL

II. H. D. Jan. 1857. Horl Dyck 0. mirodasys and all its forms are easily servejus - is our outhrated plant ets moderalle of it and griggs plant form ketille. _ var leevier is handly to be drittingarsked. O. dermile, publisher, and tornentora are vegditint at our sourcely they result ordanother the pubercennes vary indstruct avolar distant and pulvilles by no men, so prominel no so full of bustles. _ . Our rufila Jeens Sitind enough at also O. besilaris but they approach, more to B. microdays Than to ang other skeries. O course is a very Stant form with observalor as very thick joints. MISSOURL BOTANICAL GARDEN O. intermedie seems tile næm than to O. vulgaris to O. Rafiningeni MISSOURI BOTANICAL

copyright reserved

GARDEN

cm



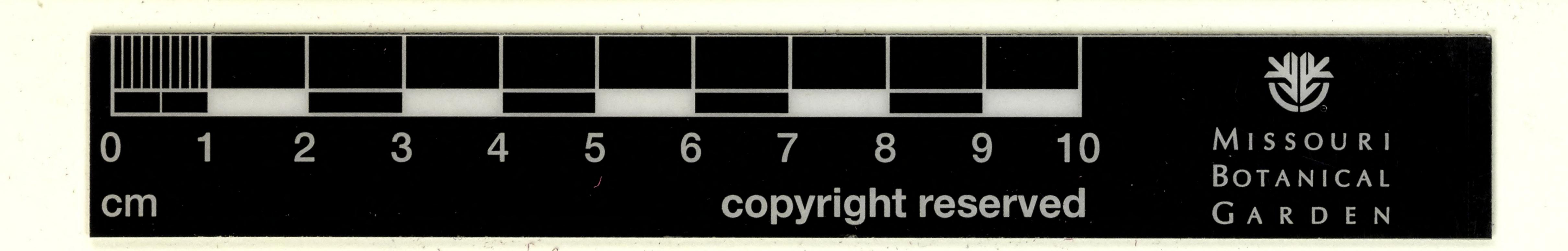
at Montgomer Ala 10. Duckly quatio Alefonesquis A lange Operation 4 feet high, forming Dense groups of 8-10 feet Samete between Alexandri & Machiboches La J. Bully 1859

0 1 2 3 4 5 6 7 8 9 10

Copyright reserved

GARDEN

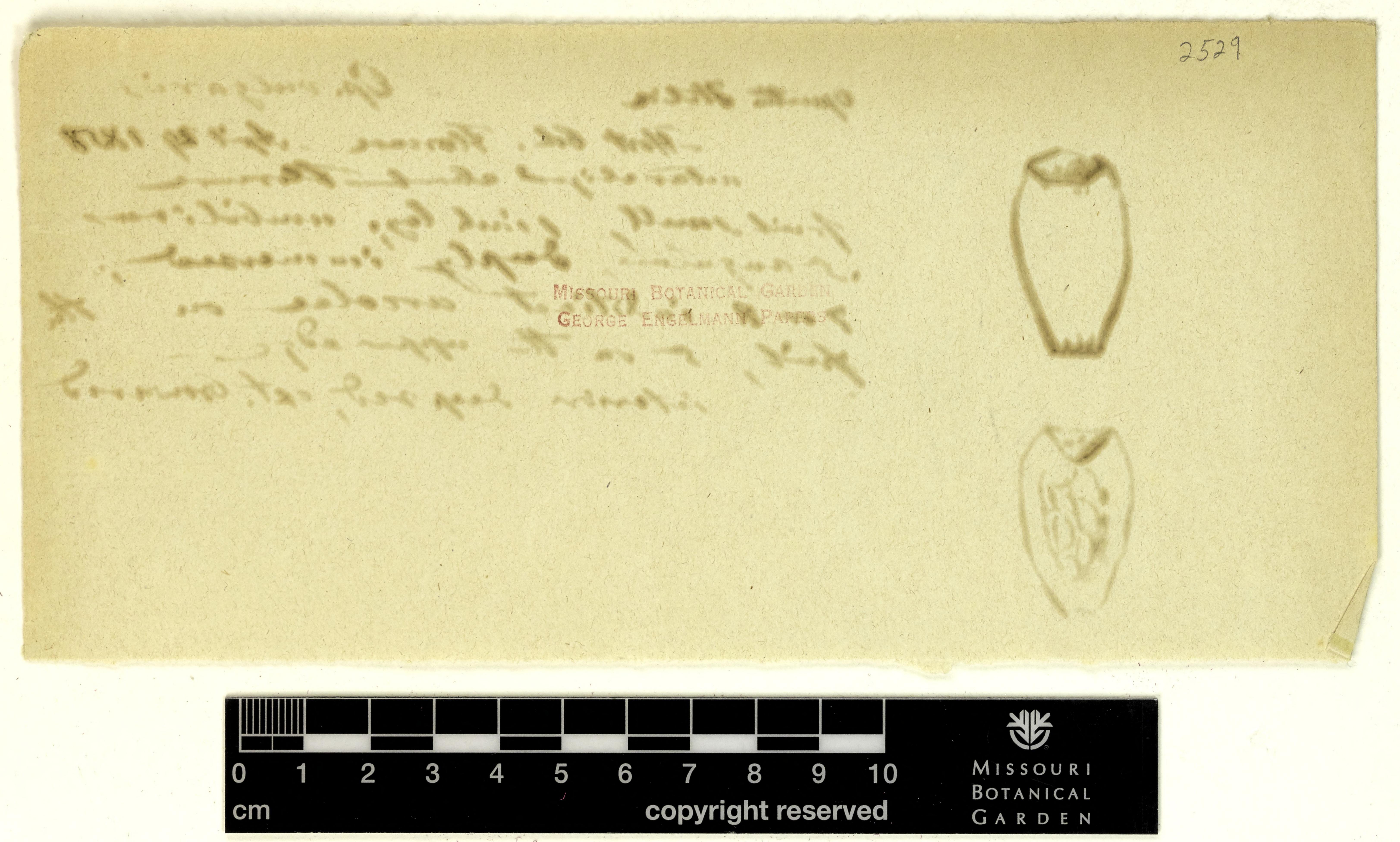
MISSOURI
BOTANICAL
GARDEN

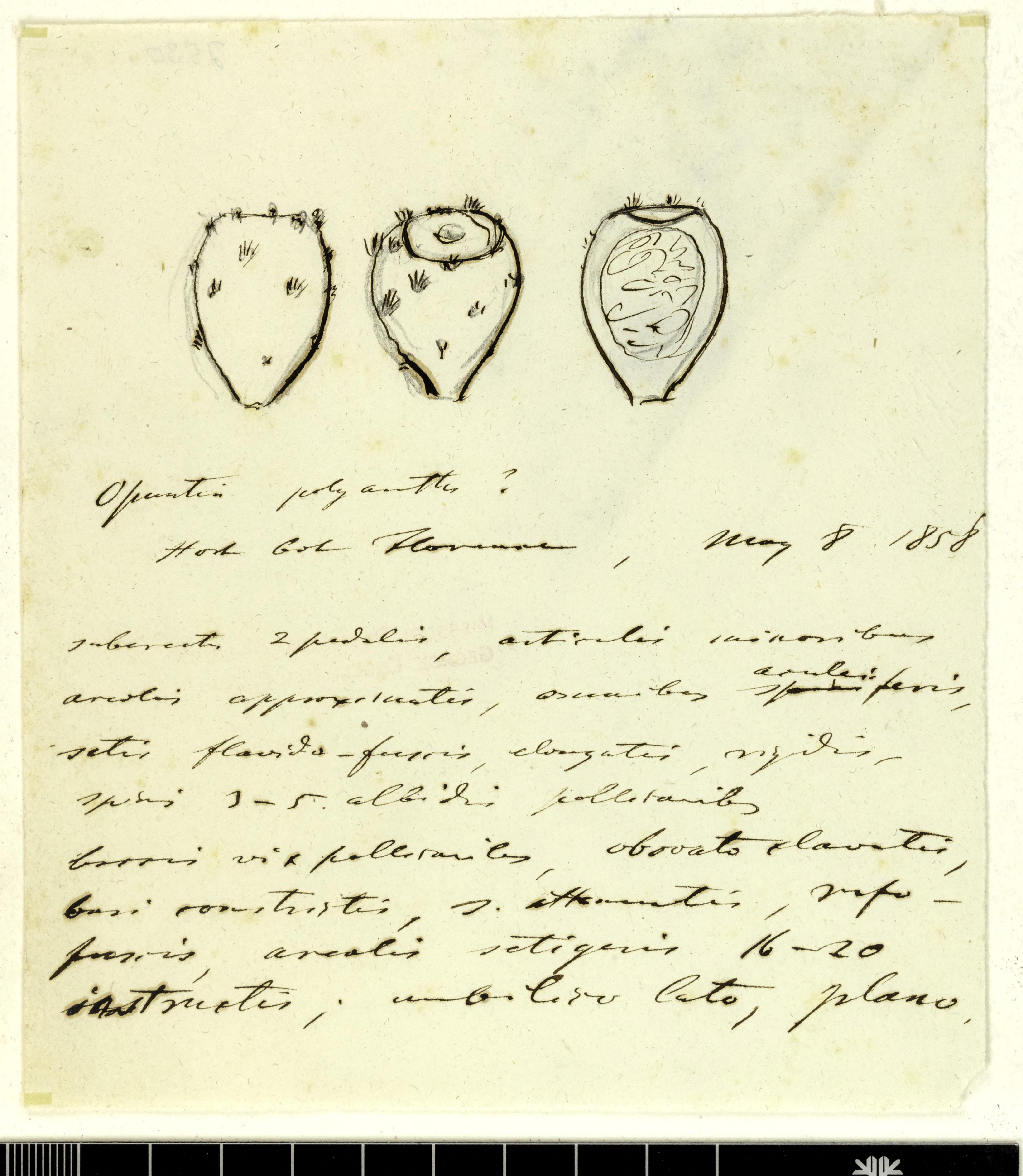


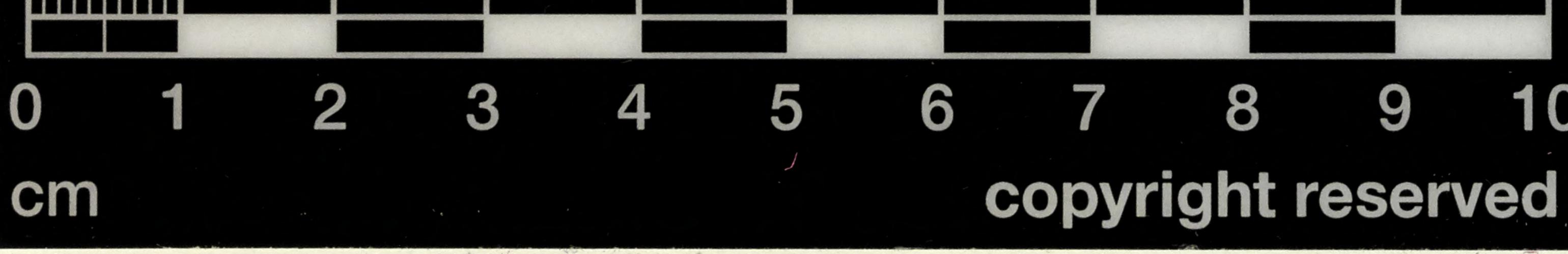
= Op. vulgaris Opentir Helia -Hort bot. Horance April 29 1258 fruit smill sinch leg, umbili om fruit small sinch log, umbilions
saugular duply incurrent.

7 or 8 in Sitinct arrolae on the shilf som the upperedge jetenon deg sed, ext. browned

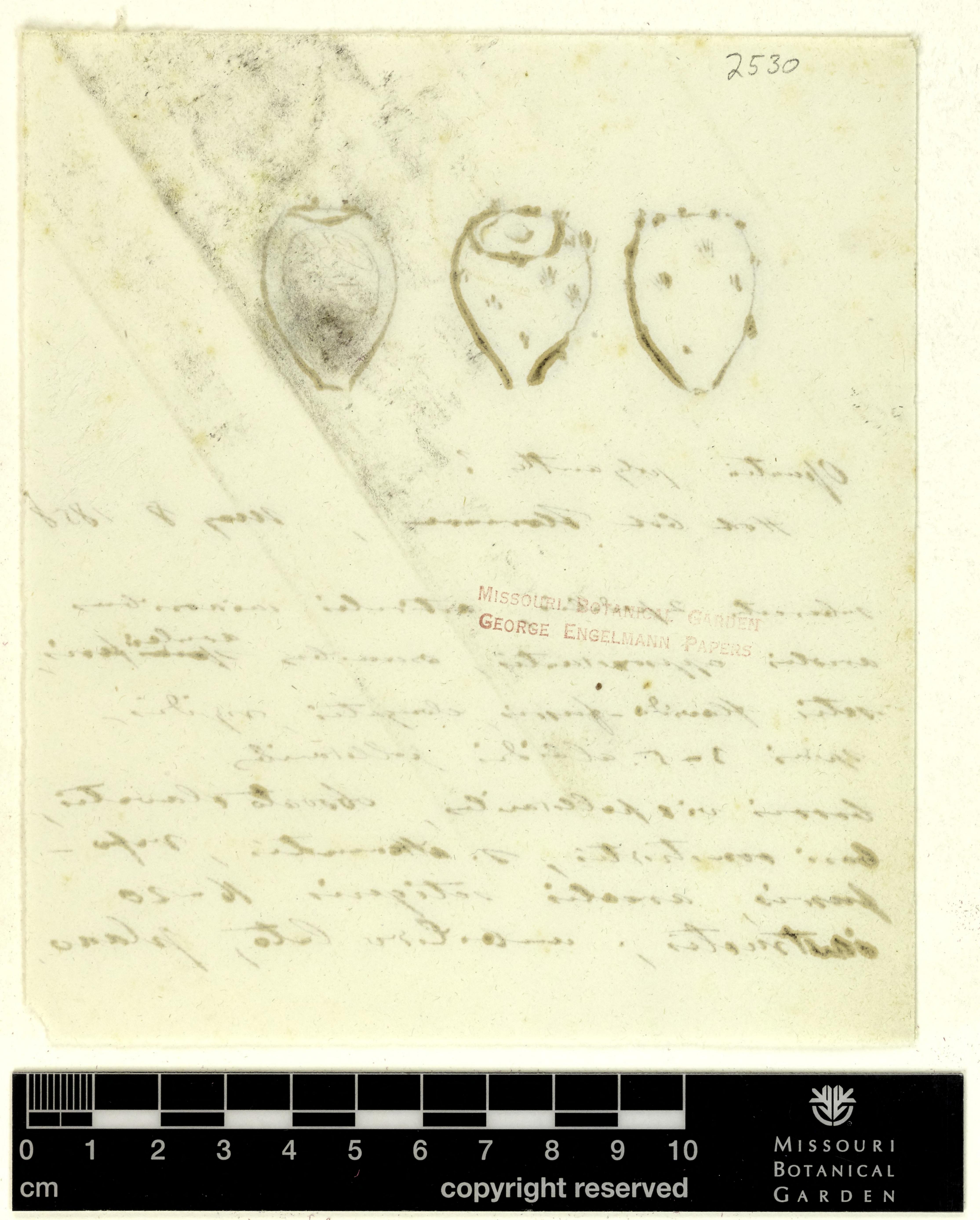


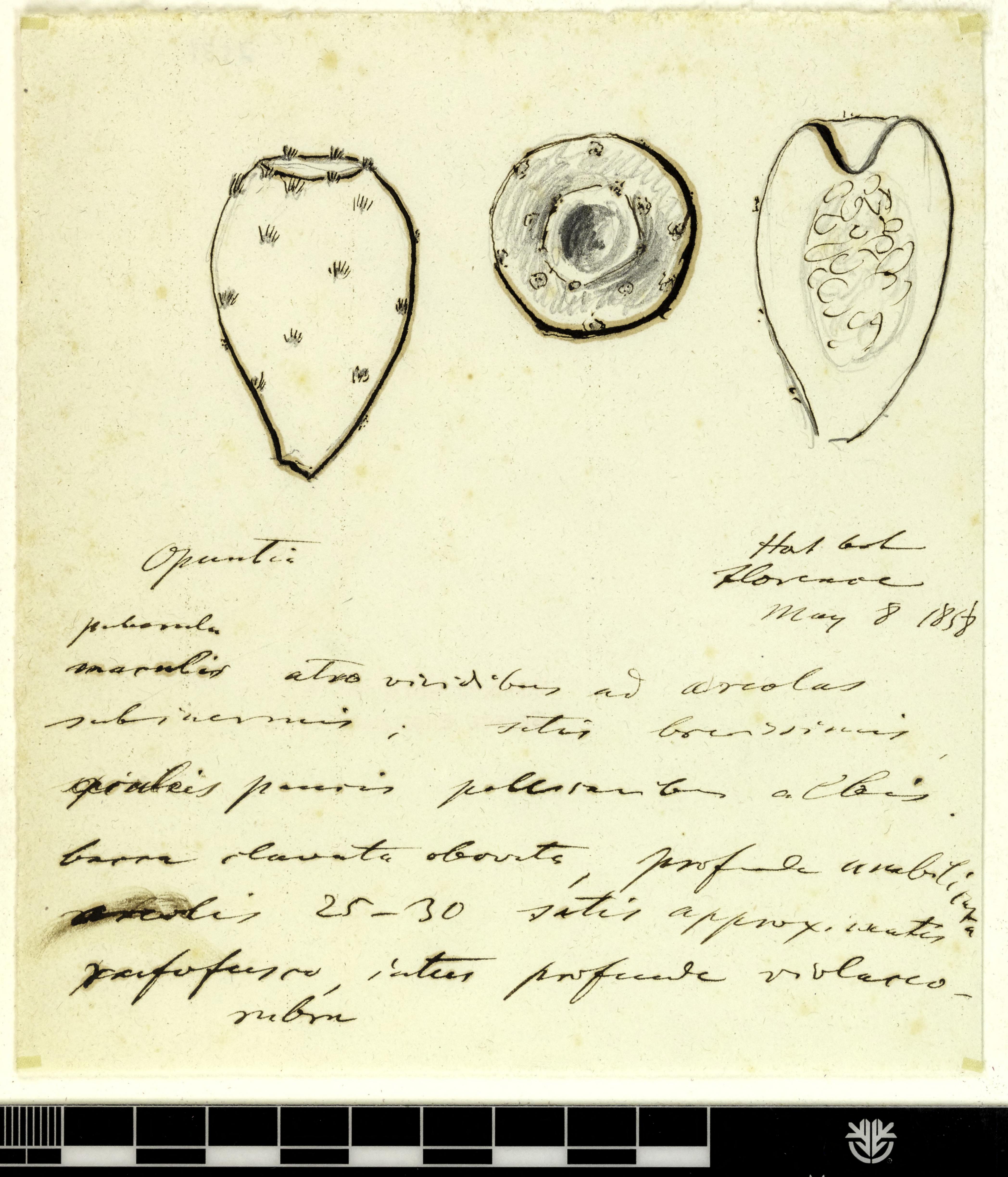


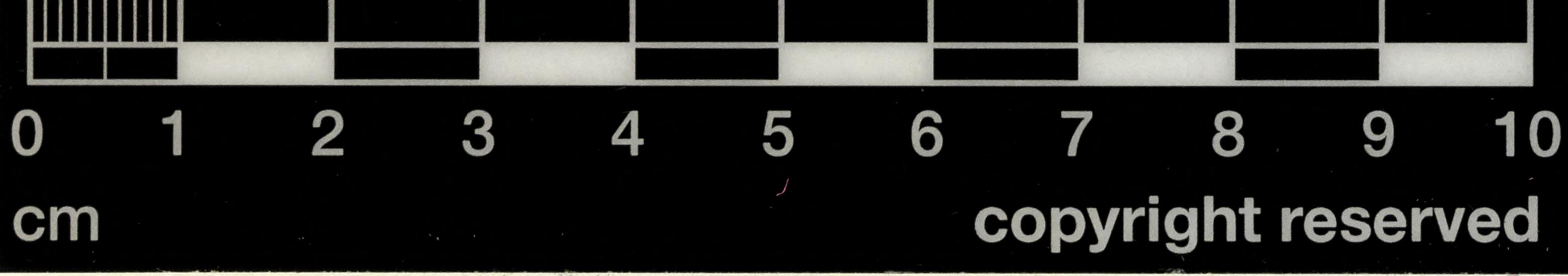




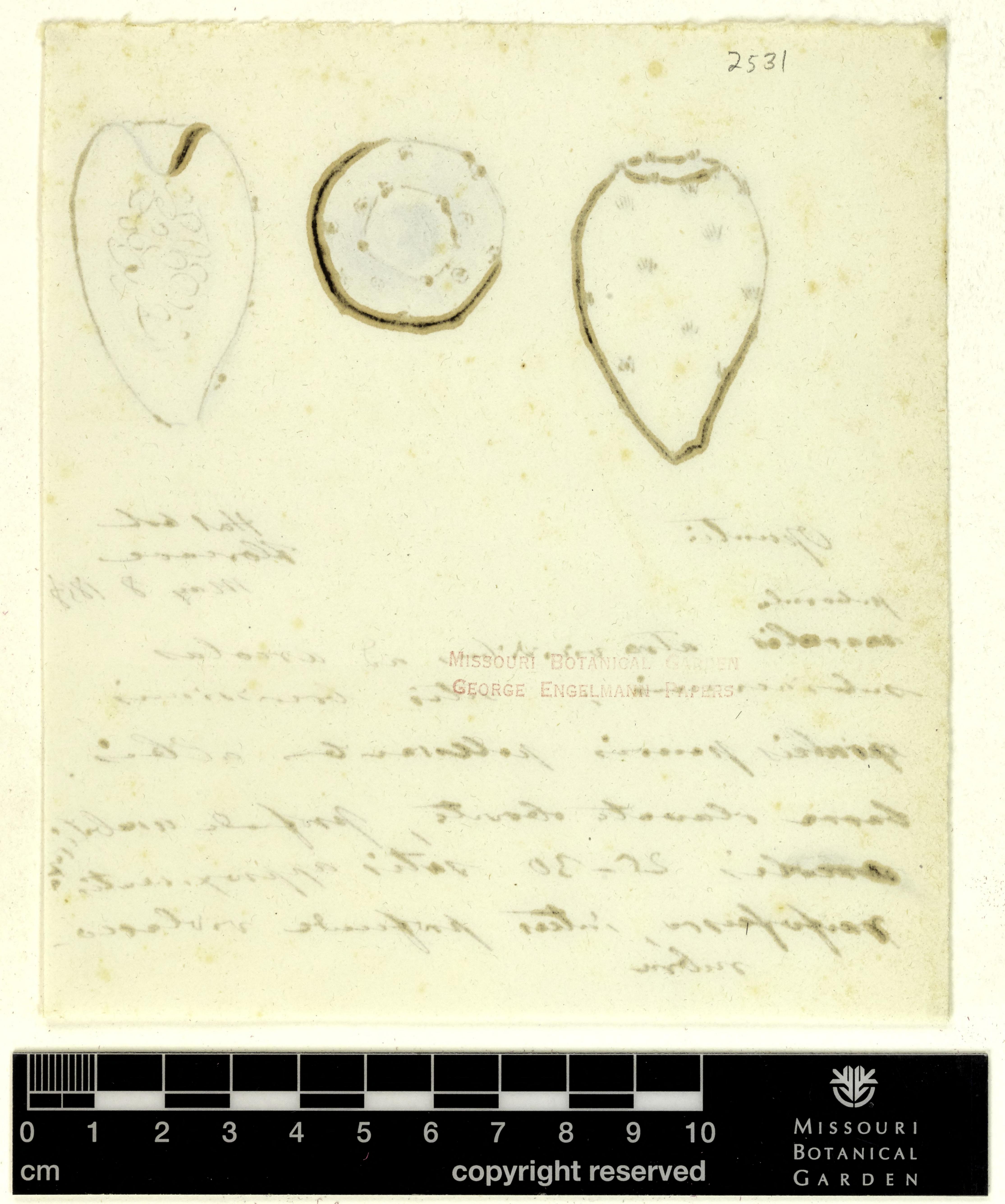






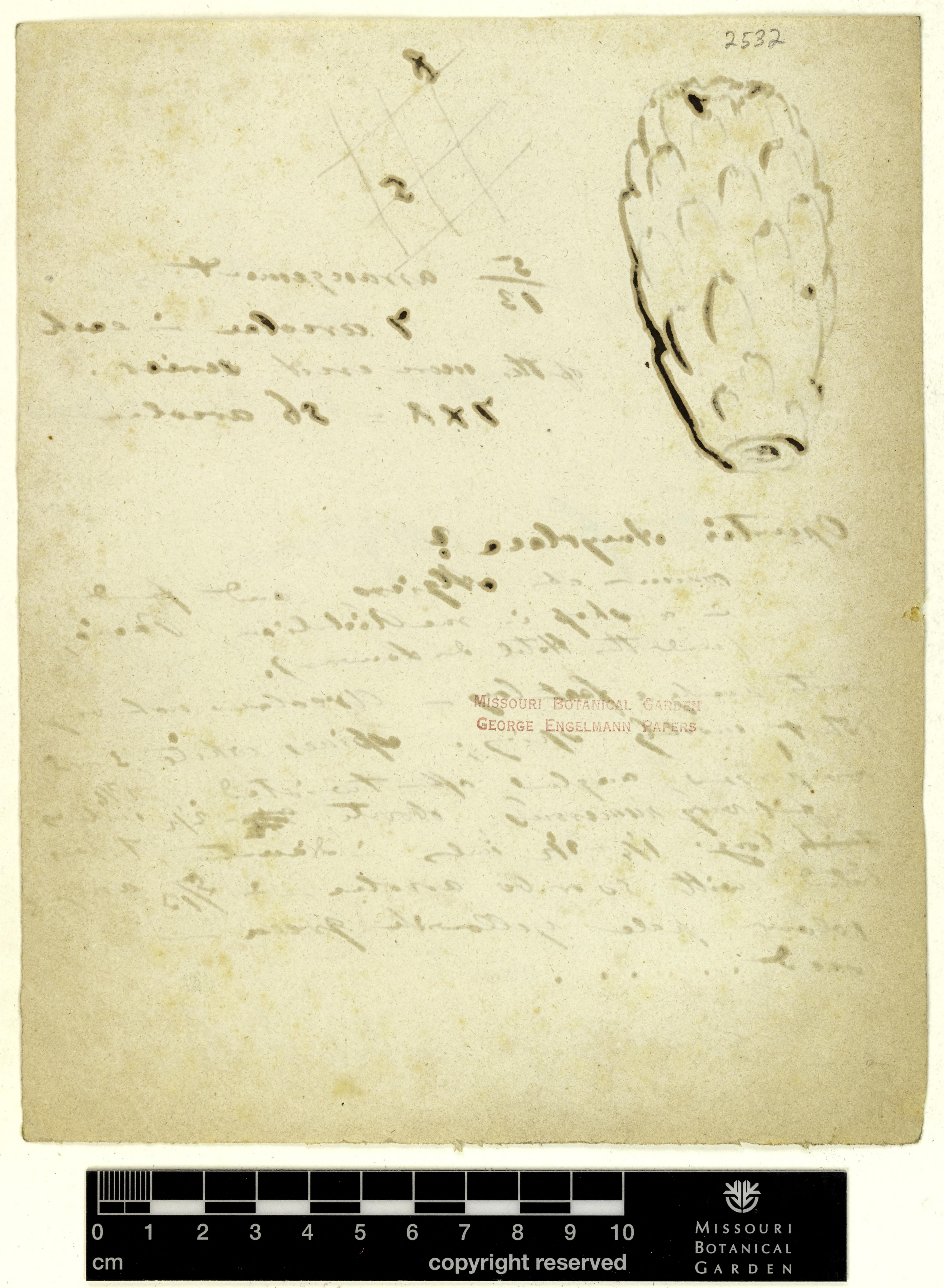






assaugeauch Henry Tærcola - eak of the more ened series. ZXA = 36 ande operation at Algrens and for a shop in me dichelian Thank (end the State de Lournes). 1818 Sort maly a fast long - Asserbar not very Istet month opin; sprines white 3-5 for very numerous oboute 25-in interstant to the long 1/4-1/2 into another in the same to the later to the will so or to another in the amount. solow pale zellowith green ___ dect...nore! Why not Or Horn, ind) MISSOURI BOTANICAL

copyright reserved GARDEN



Muntin Any Macq Totella (i sight of Lacus Amyolacces) on Limestone Rocks. Manh 30th 1858 A sprending shout about & feel high. of a pale green, but scarrely glaceous appearance, rovered with white spines Souts 8-12 inches log, 6-8 erde obvote 6-9 lines thick ofreolae I inch apart all with sping Britter on the joints before nee almost none, tomentum grugish, very short. Spines white augulan on somewhat compressed 2 or usually 3 to 4 or even say, one of the the statust, 1- 1/2 inches long - pale gellowith al base

